### First Year

<table>
<thead>
<tr>
<th>Fall – 12 hours</th>
<th>Spring – 15 hours</th>
<th>Summer</th>
</tr>
</thead>
</table>
| **Intro to Engineering** MENG 1101 (1)  
Pre-req: None | **Plane Trigonometry** MATH 1433 (3)  
Pre-req: MATH 1233 | | |
| **Engineering Graphics** MENG 1132 (2)  
Pre-req: None | **ELECTIVE** (3) | | |
| **College Algebra** MATH 1233 (3)  
Pre-req: Appropriate Math Placement | **CORE** (3) Cultural and Global Understanding  
CMPS 1023 | | |
| **CORE** (3) Government  
POLS 1333 | **CORE** (3) Government  
POLS 1433 | | |
| **Academic Research & Writing** ENGL 1143 (3)  
Pre-req: Appropriate TSI, ACT, or SAT test scores | **CORE Communications** (3)  
SPCH 1133 or SPCH 2433 | | |

### Second Year

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<tr>
<th>Fall – 14 hours</th>
<th>Spring – 13 hours</th>
<th>Summer</th>
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</table>
| **CORE Science** (4)  
Approved by university | **CORE Science** (4)  
Approved by university | **ELECTIVE** (3) |
| **Computer Science I** CMPS 1044(4)  
Pre-req/co-req: MATH 1233 or MATH 1534 | **Data Structures & ADTs** CMPS 1063 (3)  
Pre-req: CMPS 1044 | **ELECTIVE** (3) |
| **CORE** (3) American History  
HIST 1133 | **CORE** (3) American History  
HIST 1233 | | |
| **CORE** Creative Arts (3)  
Approved by university | **CORE** (3) Social Behavioral Science  
Approved by university | | |

### Third Year

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<tr>
<th>Fall – 13 hours</th>
<th>Spring – 13 hours</th>
<th>Summer</th>
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</table>
| **Physics** (4)  
PHYS 1144 or PHYS 1624 | **Physics** (4)  
PHYS 1244 or PHYS 2644 | **TECH** (3) *  
pre-req: Sophomore |
| **Object Oriented Programming** CMPS 2143 (3)  
Pre-req: CMPS 1063 | **Discrete Structures/Analysis** CMPS 2433 (3)  
Pre-req: CMPS 1063 | **TECH** (3) *  
pre-req: Sophomore |
| **TECH** (3) *  
pre-req: Sophomore | **TECH** (3) *  
pre-req: Sophomore | | |
| **TECH** (3) *  
pre-req: Sophomore | **TECH** (3) *  
pre-req: Sophomore | | |

### Fourth Year

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<thead>
<tr>
<th>Fall – 13 hours</th>
<th>Spring – 13 hours</th>
<th>Summer</th>
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</thead>
</table>
| **CORE Language, Philosophy and Culture** (3)  
Approved by university | **Probability & Statistics** STAT 3573 (3)  
Pre-req/co-req: MATH 1233 or MATH 1534 | | |
| **Adv Data Structures & Algorithms** CMPS 3013 (3)  
Pre-req: CMPS 2433 | **Adv Computer Science Elective** (3)  
Approved by department | | |
| **TECH** (3) *  
pre-req: Junior | **TECH** (3) *  
pre-req: Junior | | |
| **TECH** (3) *  
pre-req: Junior | **TECH** (3) *  
pre-req: Junior | | |
| **CORE Undergraduate Inquiry & Creativity** (3)  
Approved by university | **Capstone Project** TECH 4141 (1)  
Pre-req: Last semester | | |

* Two Technology classes are rotated starting the junior year. These classes will be offered based on a student’s entry date into the program.

Below are the paired Technology classes:

- TECH 3103  Safety Technology  
- TECH 3113  Quality Technology  
- TECH 3133  Manufacturing Technology  
- TECH 3143  Prod Planning & Control  
- TECH 3153  Project Planning  
- TECH 3163  Supply Chain Technology  
- TECH 4103  Innovation  
- TECH 4113  Facilities Design  
- TECH 4123  Energy Technology  
- TECH 4133  Construction Technology  
- TECH 4141  Capstone Project  

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